

Form PTO-1449 (Modified)

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FORM PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. P00593-US	SERIAL NO. 09/973,263
		APPLICANT: DeVore et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE: 10/9/01	GROUP Unassigned
(Use several sheets if necessary) (37 CFR 1.98(b))			

U.S. PATENT DOCUMENTS

RECEIVED

EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JA</i>	4	7	1	3	4	4	6	12/15/87	DeVore et al.	530	TECH CENTER 1600/2900	
	4	9	6	9	9	1	2	11/13/90	Kelman et al.	623	66	
	5	1	0	4	9	5	7	04/14/92	Kelman et al.	527	201	
	5	1	5	6	6	1	3	10/20/92	Sawyer	606	213	
	5	2	1	9	8	9	5	06/15/93	Kelman et al.	522	68	
	5	2	9	2	3	6	2	03/08/94	Bass et al.	106	124	
	5	3	3	2	8	0	2	07/26/94	Kelman et al.	530	356	
	5	3	5	4	3	2	3	10/11/94	Whitebook	607	89	
	5	3	5	4	3	3	6	10/11/94	Kelman et al.	623	6	
	5	4	0	9	4	8	1	04/25/95	Poppas et al.	606	12	
	5	4	7	6	5	1	5	12/19/95	Kelman et al.	623	6	
<i>JA</i>	5	5	4	0	6	7	7	07/30/96	Sinofsky	606	8	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER							PUBL. DATE	COUNTRY OR PATENT OFFICE	CLAS S	SUBCLASS	TRANSLATION	
		L	0	1	5	2	8	4					YES	NO
<i>JA</i>									12/31/65	London			X	

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

<i>JA</i>		Schober et al., "Laser-induced alteration of collagen substructure allows microsurgical tissue welding", <u>Science</u> , 232, 142-22, 1986
		Bass et al., "Changes in type I collagen following laser welding", <u>Lasers surg med</u> , 12, 500-5, 1992
		Ennker et al., "Formaldehyde-free collagen glue in experimental lung gluing", <u>Ann Thorac Surg</u> , V 57, 1622-7, 1994
		Stewart et al., "Laser assisted vascular welding with real time temperature control", <u>Lasers surg med</u> , 19, 9-16, 1996
		Menovsky et al., "Laser tissue welding of dura mater and peripheral nerves: a scanning electron microscopy study", <u>Lasers surg med</u> , 19, 152-8, 1996
<i>JA</i>		Small IV et al., "Dye-enhanced protein solders and patches in laser-assisted tissue welding", <u>J Clin Laser Med & Surg</u> , 15, 205-8, 1997

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4/19/03

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JA</i>	5	6	3	1	2	4	3	05/20/97	Kelman et al.	514	56	
	5	6	6	2	6	4	3	09/02/97	Kung et al.	606	3	
	5	6	6	9	9	3	4	09/23/97	Sawyer	506	213	
	5	8	4	0	8	4	8	11/24/98	Sturrock et al.	530	356	
	5	8	7	4	5	3	7	02/23/99	Kelman et al.	530	356	
<i>JA</i>	6	0	1	2	8	4	0	01/11/00	Small IV et al.	374	126	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER							PUBL. DATE	COUNTRY OR PATENT OFFICE	CLAS S	SUBCLASS	TRANSLATION	
												YES	NO



OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

<i>JA</i>		Tang et al., "Morphologic changes in collagen fibers after 830nm diode laser welding", <u>Lasers surg med</u> , 21, 438-43, 1997
		Lauto., "Repair strength dependence on solder protein concentration: a study in laser tissue welding", <u>Lasers surg med</u> , 22, 120-5, 1998
		Suh et al., "Comparison of dermal and epithelial approaches to laser tissue soldering for skin flap closure", <u>Lasers surg med</u> , 22, 268-74, 1998
		Maitz et al., "Sutureless microvascular anastomoses by a biodegradable laser-activated solid protein solder", <u>Plastic & reconstru surg</u> , 104, 1726-31, 1999
		Lauto et al., "Two-layer film as a laser soldering biomaterial", <u>Lasers surg med.</u> , 25, 250-6, 1999
<i>JA</i>		Lobel et al., "Temperature controlled co2 laser welding of soft tissues: urinary bladder welding in different animal models (rats, rabbits, and cats)", <u>Lasers surg med</u> , 26, 4-12, 2000

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation consider d. Draw line through citation if not in conformance and not considered. Include copy of

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)			
 			Fried et al., "Laser skin welding: in vivo tensile strength and wound healing results", <u>Lasers surg med</u> , 27, 55-65, 2000
			Lauto et al., "Carotid artery anastomosis with albumin solder and near infrared lasers: a comparative study", <u>Lasers surg med</u> , 28, 50-5, 2001
			Sorg et al., "Laser-tissue soldering with biodegradable polymer films in vitro: film surface morphology and hydration effects", <u>Lasers surg med</u> , 28, 297-306, 2001
			Cooper et al., "Optimal solder and power density for diode laser tissue soldering", <u>Lasers surg med</u> , 29, 53-61, 2001
			Steward et al., "Concentrated autologous plasma protein: a biochemical neutral solder for tissue welding", <u>Lasers surg med</u> , 29, 336-42, 2001
			McNally et al., "Improved vascular tissue fusion using new light-activated surgical adhesive on a canine model", <u>J biomed optics</u> , 6, 68-73, 2001